URBAN ELECTRIC POWER

RECHARGE. RENEW. RECYCLE.™

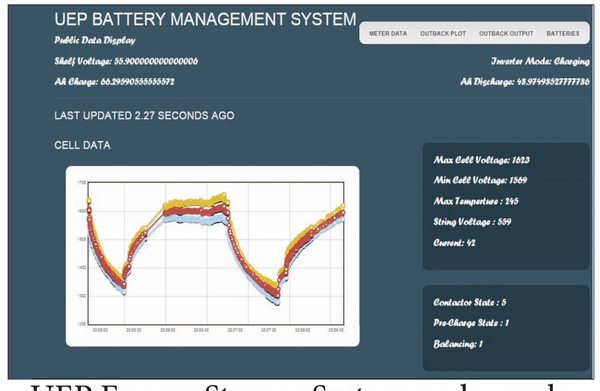
URBAN ELECTRIC POWER

BATTERIES AS RELIABLE AND INEXPENSIVE AS PUMPED HYDRO

ZINC MANGANESE DIOXIDE BATTERY TECHNOLOGY

UEP's modular Zn-MnO2 batteries have been designed to meet the needs of renewable integration, load shifting and peak load reduction at the distribution and transmission scale, and UPS systems - from large MWh grid scale systems to smaller residential systems.

5-25 kWh UEP Energy Storage System available for grid applications Q1 2015.

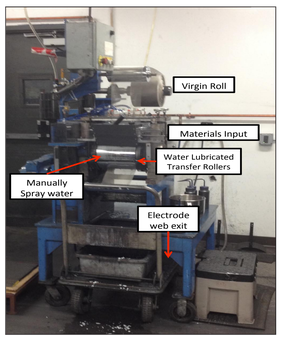


UEP Energy Storage System under cycle life and performance testing.

Features & Benefits

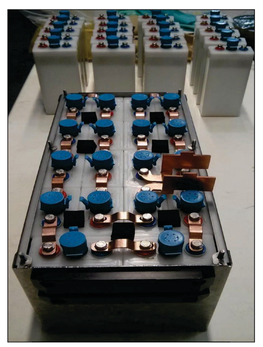
- High Cycle Life
- Low Cost
- Safe, Non-Toxic Chemistry
- Abundant Materials
- Long Shelf Life
- Requires no trickle charge
- Alkaline Electrolyte
- No heavy metals

COMMERCIALIZATION PATHWAY

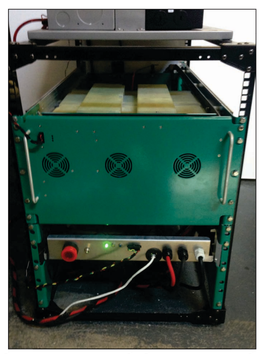


Pilot Manufacturing Facility Build in process at UEP's New York City Facil-

Battery cells currently undergoing testing in-house at the UEP Facility.



Battery cells assemble into modules for use in UEP Energy Storage Systems.



Modules assemble into shelves and stack for 25kWh+ Energy Storage Systems.

ABOUT URBAN ELECTRIC POWER

Urban Electric Power (UEP) is commercializing zinc anode rechargeable battery technology developed at the City University of New York (CUNY) Energy Institute. Made from the same environmentally sustainable materials as disposable alkaline batteries, UEP's products are able to recharge for thousands of cycles. UEP batteries offer a unique combination of enhanced performance, extended lifetime, and low cost. We would like to thank ARPA-E for financial support under award number DE-AR0000150.

WWW.URBANELECTRICPOWER.COM